

AMENDMENTS TO THE CLAIMS/LISTING OF CLAIMS

Please amend the claims as shown directly below. This listing of claims will replace all prior versions, and listings, of claims in the application.

By the present communication, claims 1-4, 9-21, 26-29, 34-37, and 42-45 have been amended.

1. (Currently Amended) A bottom plug assembly for use in connection with an apparatus for forming a mono diameter wellbore casing, the apparatus of the type using an expandable tubular member carried into ~~the~~ a wellbore on a tubular support and expanded with an expansion cone connected to the tubular support, the bottom plug assembly comprising:

an expandable packer ~~attached~~ coupled to and positioned below the expansion cone;

an anchor device coupled to the tubular support for anchoring the expandable tubular member to the tubular support;

a packer setting mechanism coupled between the expansion cone and the expandable packer for expanding the expandable packer and sealingly setting the expandable packer in an expanded portion of the expandable tubular member; and

a release mechanism coupled between the expansion cone and the expandable packer for releasing the expandable ~~bottom~~ packer from the expansion cone so that fluid pumped into the expandable tubular member between the expansion cone and the

sealed and set expandable ~~bottom~~-packer will force the expansion cone into and through the expandable tubular member to expand the expandable tubular member.

2. (Currently Amended) The bottom plug assembly of claim 1, further comprising a closable valve for selectively passing fluidic materials through the expandable packer into the wellbore.

3. (Currently Amended) The bottom plug assembly of claim 1, wherein the expandable packer comprises a drillable packer.

4. (Currently Amended) The bottom plug assembly of claim 1, wherein the expandable packer comprises a retrievable packer.

5. (Original) An apparatus connectable to a drill pipe for forming a mono diameter wellbore casing, comprising:

an expansion cone connected to the drill pipe;

an expandable bottom packer coupled to and below the expansion cone;

an expandable tubular member supported by the drill pipe above the expansion cone for insertion into ~~the~~ a wellbore;

an anchor device supported by the drill pipe within the expandable tubular member for releasably gripping the expandable tubular member;

an actuator coupled between the anchor device and the expansion cone for moving the expansion cone partially into the expandable tubular member to form a first expanded portion of the expandable tubular member;

a set mechanism coupled between the expansion cone and the expandable bottom packer for expanding the expandable bottom packer and sealingly setting the expanded expandable bottom packer in the first expanded portion of the expandable tubular member; and

a release mechanism coupled between the expansion cone and the expandable bottom packer for releasing the expandable ~~beam~~ bottom packer from the expansion cone such that fluid pumped into the expandable tubular member between the expansion cone and the expandable bottom packer will force the expansion cone through the expandable tubular member and will thereby expand a second portion of the expandable tubular member.

6. (Original) The apparatus of claim 5, further comprising a closable valve for selectively passing fluidic materials through the expandable bottom packer into the wellbore.

7. (Original) The apparatus of claim 5, wherein the expandable bottom packer comprises a drillable packer.

8. (Original) The apparatus of claim 5, wherein the expandable bottom packer comprises a retrievable packer.

9. (Currently Amended) A bottom plug assembly for use in connection with an apparatus for forming a mono diameter wellbore casing, the apparatus of the type using an expandable tubular member carried into ~~the~~ a wellbore on a tubular support and expanded with an expansion device connected to the tubular support, the bottom plug assembly comprising:

an expandable packer ~~attached~~ coupled to and positioned below the expansion device;

an anchor device coupled to the tubular support for anchoring the expandable tubular member to the tubular support;

a packer setting mechanism coupled between the expansion device and the expandable packer for expanding the expandable packer and sealingly setting the expandable packer in an expanded portion of the expandable tubular member; and

a release mechanism coupled between the expansion device and the expandable packer for releasing the expandable ~~bottom~~-packer from the expansion device so that fluid pumped into the expandable tubular member between the expansion device and the sealed and set expandable ~~bottom~~-packer will facilitate forcing the expansion device into and through the expandable tubular member to expand the expandable tubular member.

10. (Currently Amended) The bottom plug assembly of claim 9, wherein the expansion device comprises an expansion cone.

11. (Currently Amended) The bottom plug assembly of claim 10, wherein the expansion cone comprises an adjustable diameter expansion cone.
12. (Currently Amended) The bottom plug assembly of claim 9, wherein the expansion device comprises a rotary expansion device.
13. (Currently Amended) The bottom plug assembly of claim 12, wherein the rotary expansion device comprises an adjustable diameter rotary expansion device.
14. (Currently Amended) The bottom plug assembly of claim 9, wherein the expansion device comprises a compliant expansion device.
15. (Currently Amended) The bottom plug assembly of claim 14, wherein the compliant expansion device comprises an adjustable diameter compliant expansion device.
16. (Currently Amended) The bottom plug assembly of claim 9, wherein the expansion device comprises a hydroforming expansion device.
17. (Currently Amended) The bottom plug assembly of claim 16, wherein the hydroforming expansion device comprises an adjustable expansion diameter hydroforming device.

18. (Currently Amended) A method for forming a mono diameter wellbore casing, comprising:

connecting an expansion cone to a tubular support;

coupling an expandable bottom packer to and below the expansion cone;

anchoring ~~supporting the~~ an expandable tubular member [with] to the tubular support at a position above the expansion cone;

inserting the expandable tubular member into ~~the~~ a wellbore;

expanding a first portion of the expandable tubular member with the expansion cone;

sealingly setting the expanded expandable bottom packer in the first expanded portion of the expandable tubular member; ~~and~~

releasing the expandable bottom packer from the expansion cone; and

pumping fluid into the expandable tubular member between the expansion cone and the set and expanded expandable bottom packer to force the expansion cone through the expandable tubular member to expand a second portion of the expandable tubular member.

19. (Currently Amended) The method for forming a mono diameter wellbore casing of claim 18, wherein expanding the first portion of the expandable tubular member with the expansion cone further comprises:

[gripping the expandable tubular member with an the anchor device supported by the drill pipe tubular support;]

coupling an actuator between ~~the~~an anchor and the expansion cone; and

moving the expansion cone with the actuator partially into the expandable tubular member to form the first expanded portion of the expandable tubular member.

20. (Currently Amended) A method for forming a mono diameter wellbore casing, comprising:

connecting an expansion device to a tubular support;

coupling an expandable bottom packer to and below the expansion device;

~~supporting~~ anchoring an expandable tubular member ~~with~~to the tubular support at a position above the expansion device;

inserting the expandable tubular member into ~~the~~a wellbore;

expanding a first portion of the expandable tubular member with the expansion device;

sealingly setting the expanded expandable bottom packer in the first expanded portion of the expandable tubular member; ~~and~~

releasing the expandable bottom packer from the expansion device; and

pumping fluid into the expandable tubular member between the expansion device and the set and expanded expandable bottom packer to facilitate forcing the expansion device through the expandable tubular member to expand a second portion of the expandable tubular member.

21. (Currently Amended) The method for forming a mono diameter wellbore casing of claim 20, wherein expanding the first portion of the expandable tubular member with the expansion device further comprises:

~~gripping the expandable tubular member with an anchor device supported by the drill pipe;~~

coupling an actuator between the anchor and the expansion cone; and

moving the expansion device with ~~the~~ an actuator partially into the expandable tubular member to form the first expanded portion of the expandable tubular member.

22. (Original) The method for forming a mono diameter wellbore casing of claim 20, wherein expanding the first portion of the expandable tubular member with the expansion device further comprises expanding using an adjustable expansion device.

23. (Original) The method for forming a mono diameter wellbore casing of claim 20, wherein expanding the first portion of the expandable tubular member with the expansion device further comprises expanding using a rotary expansion device.

24. (Original) The method for forming a mono diameter wellbore casing of claim 20, wherein expanding the first portion of the expandable tubular member with the expansion device further comprises expanding using a compliant expansion device.

25. (Original) The method for forming a mono diameter wellbore casing of claim 20, wherein expanding the first portion of the expandable tubular member with the expansion device further comprises expanding using a hydroforming expansion device.

26. (Currently Amended) A method for forming a mono diameter wellbore casing, comprising:

connecting an expansion cone to a tubular support;

~~supporting~~ anchoring an expandable tubular member [with] to the tubular support
at a position above the expansion cone;

then inserting the expandable tubular member into ~~the~~ a wellbore;

then expanding a first portion of the expandable tubular member with the
expansion cone;

then sealing off the first expanded portion of the expandable tubular member;
and

then pumping fluid into the expandable tubular member between the expansion
cone and the sealed off first expanded portion of the expandable tubular
member to force the expansion cone through the expandable tubular
member to expand a second portion of the expandable tubular member.

27. (Currently Amended) The method of claim 26, wherein expanding the first portion of the expandable tubular member with the expansion cone further comprises

~~gripping the expandable tubular member with an anchor device supported by the drill pipe;~~

coupling an actuator between ~~the~~ an anchor and the expansion cone; and

moving the expansion cone with the actuator partially into the expandable tubular member to form the first expanded portion of the expandable tubular member.

28. (Currently Amended) A method for forming a mono diameter wellbore casing, comprising:

connecting an expansion device to a tubular support;

~~supporting~~ anchoring an expandable tubular member [with] to the tubular support at a position above the expansion device;

then inserting the expandable tubular member into ~~the~~ a wellbore;

then expanding a first portion of the expandable tubular member with the expansion device;

~~sealingly~~ then sealing off the first expanded portion of the expandable tubular member; and

then pumping fluid into the expandable tubular member between the expansion device and the sealed off first expanded portion of the expandable tubular member to facilitate forcing the expansion device through the expandable tubular member to expand a second portion of the expandable tubular member.

29. (Currently Amended) The method of claim 28, wherein expanding the first portion of the expandable tubular member with the expansion device further comprises:

~~gripping the expandable tubular member with an anchor device supported by the drill pipe;~~

coupling an actuator between ~~the~~ an anchor and the expansion cone; and

moving the expansion device with the actuator partially into the expandable tubular member to form the first expanded portion of the expandable tubular member.

30. (Original) The method of claim 28, wherein expanding the first portion of the expandable tubular member with the expansion device further comprises expanding using an adjustable expansion device.

31. (Original) The method of claim 28, wherein expanding the first portion of the expandable tubular member with the expansion device further comprises expanding using a rotary expansion device.

32. (Original) The method of claim 28, wherein expanding the first portion of the expandable tubular member with the expansion device further comprises expanding using a compliant expansion device.

33. (Original) The method of claim 28, wherein expanding the first portion of the expandable tubular member with the expansion device further comprises expanding using a hydroforming expansion device.

34. (Currently Amended) A system for forming a mono diameter wellbore casing, comprising:

means for connecting an expansion cone to a tubular support;

means for coupling an expandable bottom packer to and below the expansion cone;

means for ~~supporting~~ anchoring an expandable tubular member [with] to the tubular support at a position above the expansion cone;

means for inserting the expandable tubular member into ~~the~~ a wellbore;

means for expanding a first portion of the expandable tubular member with the expansion cone;

means for sealingly setting the expanded expandable bottom packer in the first expanded portion of the expandable tubular member;

means for releasing the expandable bottom packer from the expansion cone; and

means for pumping fluid into the expandable tubular member between the expansion cone and the set and expanded expandable bottom packer to force the expansion cone through the expandable tubular member to expand a second portion of the expandable tubular member.

35. (Currently Amended) The system of claim 34, wherein means for expanding the first portion of the expandable tubular member with the expansion cone further comprises:

~~means for gripping the expandable tubular member with an anchor device~~

~~supported by the drill pipe;~~

means for coupling an actuator between the anchor and the expansion cone; and

means for moving the expansion cone with the actuator partially into the expandable tubular member to form the first expanded portion of the expandable tubular member.

36. (Currently Amended) A system for forming a mono diameter wellbore casing, comprising:

means for connecting an expansion device to a tubular support;

means for coupling an expandable bottom packer to and below the expansion device;

means for [supporting] anchoring an expandable tubular member [with] to the tubular support at a position above the expansion device;

means for inserting the expandable tubular member into ~~the~~ a wellbore;

means for expanding a first portion of the expandable tubular member with the

~~expansion means for~~ expanding for sealingly setting the expanded expandable bottom packer in the first expanded portion of the expandable tubular member;

means for releasing the expandable bottom packer from the expansion device;

and

means for pumping fluid into the expandable tubular member between the expansion device and the set and expanded expandable bottom packer to facilitate forcing the expansion device through the expandable tubular member to expand a second portion of the expandable tubular member.

37. (Currently Amended) The system of claim 36, wherein means for expanding the first portion of the expandable tubular member with the expansion device further comprises:

~~means for gripping the expandable tubular member with an anchor device~~

~~supported by the drill pipe;~~

means for coupling an actuator between the anchor and the expansion cone; and

means for moving the expansion device with the actuator partially into the expandable tubular member to form the first expanded portion of the expandable tubular member.

38. (Original) The system of claim 36, wherein means for expanding the first portion of the expandable tubular member with the expansion device further comprises means for expanding using an adjustable expansion device.

39. (Original) The system of claim 36, wherein means for expanding the first portion of the expandable tubular member with the expansion device further comprises means for expanding using a rotary expansion device.

40. (Original) The system of claim 36, wherein means for expanding the first portion of the expandable tubular member with the expansion device further comprises means for expanding using a compliant expansion device.

41. (Original) The system of claim 36, wherein means for expanding the first portion of the expandable tubular member with the expansion device further comprises means for expanding using a hydroforming expansion device.

42. (Currently Amended) A system for forming a mono diameter wellbore casing, comprising:

means for connecting an expansion cone to a tubular support;

means for ~~supporting~~ anchoring an expandable tubular member [with] to the tubular support at a position above the expansion cone;

means for inserting the expandable tubular member into ~~the~~ a wellbore;

means for expanding a first portion of the expandable tubular member with the expansion cone;

means for sealing off the first expanded portion of the expandable tubular member; and

means for pumping fluid into the expandable tubular member between the expansion cone and the sealed off first expanded portion of the expandable tubular member to force the expansion cone through the expandable tubular member to expand a second portion of the expandable tubular member.

43. (Currently Amended) The system of claim 42, wherein means for expanding the first portion of the expandable tubular member with the expansion cone further comprises:

~~means for gripping the expandable tubular member with an anchor device~~
~~supported by the drill pipe;~~

means for coupling an actuator between ~~the~~ an anchor and the expansion cone;
and

means for moving the expansion cone with the actuator partially into the expandable tubular member to form the first expanded portion of the expandable tubular member.

44. (Currently Amended) A system for forming a mono diameter wellbore casing, comprising:

means for connecting an expansion device to a tubular support;

means for ~~supporting~~ anchoring an expandable tubular member [with] to the tubular support at a position above the expansion device;

means for inserting the expandable tubular member into ~~the~~ a wellbore;

means for expanding a first portion of the expandable tubular member with the
expansion device;

means for sealing off the first expanded portion of the expandable tubular
member; and

means for pumping fluid into the expandable tubular member between the
expansion device and the sealed off first expanded portion of the
expandable tubular member to facilitate forcing the expansion device
through the expandable tubular member to expand a second portion of the
expandable tubular member.

45. (Currently Amended) The system of claim 44, wherein means for expanding the
first portion of the expandable tubular member with the expansion device further
comprises:

~~means for gripping the expandable tubular member with an anchor device~~

~~supported by the drill pipe;~~

means for coupling an actuator between ~~the~~ an anchor and the expansion cone;

and

means for moving the expansion device with the actuator partially into the
expandable tubular member to form the first expanded portion of the
expandable tubular member.

46. (Original) The system of claim 44, wherein means for expanding the first portion of the expandable tubular member with the expansion device further comprises means for expanding using an adjustable expansion device.

47. (Original) The system of claim 44, wherein means for expanding the first portion of the expandable tubular member with the expansion device further comprises means for expanding using a rotary expansion device.

48. (Original) The system of claim 44, wherein means for expanding the first portion of the expandable tubular member with the expansion device further comprises means for expanding using a compliant expansion device.

49. (Original) The system of claim 44, wherein means for expanding the first portion of the expandable tubular member with the expansion device further comprises means for expanding using a hydroforming expansion device.